

VELS UNIVERSITY
SCHOOL OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Sl.No.	TITLE OF THE PAPER	EXAM HOURS	INTERNAL MARK	UNIVERSITY MARK	CREDIT
FIRST SEMESTER					
1	Technical English -1	3	25	75	4
2	Mathematics -1	3	25	75	4
3	Engineering Physics-1	3	25	75	3
4	Engineering Chemistry-1	3	25	75	3
5	Engineering Graphics	3	25	75	4
6	Fundamentals of Computing and programming	3	25	75	3
7	Computer Practice Laboratory	3	25	75	2
8	Engineering Practices Laboratory	3	25	75	2
TOTAL NO OF CREDITS					25

SECOND SEMESTER					
1	Technical English -II	3	25	75	4
2	Mathematics -II	3	25	75	4
3	Engineering Physics-II	3	25	75	3
4	Engineering Chemistry-II	3	25	75	3
5	Basic Civil and Mechanical Engineering	3	25	75	4
6	Circuit Theory	3	25	75	5
7	Physics & Chemistry Laboratory	3	25	75	2
8	Electrical Circuit Lab	3	25	75	2
TOTAL NO OF CREDITS					27

THIRD SEMESTER					
1	Transforms and Partial Differential Equations	3	25	75	4
2	Measurements & Instrumentation	3	25	75	4
3	Electromagnetic Theory	3	25	75	4
4	Environmental Science and Engineering	3	25	75	3
5	Electronic Devices & Circuits	3	25	75	4
6	Data Structures and Algorithms	3	25	75	4
7	Electronic Devices & Circuits Laboratory	3	25	75	2
8	Data Structures and Algorithms Laboratory	3	25	75	2
9	Measurements & Instrumentation Lab.	3	25	75	2
TOTAL NO OF CREDITS					29

FOURTH SEMESTER					
1	Numerical Methods	3	25	75	4
2	Electrical Machines I	3	25	75	4
3	Power Plant Engineering	3	25	75	4
4	Control Systems	3	25	75	3
5	Linear Integrated Circuits and Applications	3	25	75	4
6	Digital Logic Circuits	3	25	75	4
7	Controls Systems Laboratory	3	25	75	2
8	Linear and Digital Integrated Circuits Lab.	3	25	75	2
9	Electrical Machines laboratory -I	3	25	75	2
TOTAL NO OF CREDITS					29